

## ***Prediktion på nya bilder***

Starta cmd (med Docker running).

Skriv...

Cd C:\Users\tobbe\RV2

### **Kopiera och klistra in nedanstående kommando**

```
docker run --ipc=host --rm -it --name devtest9 --mount
type=bind,source="C:/Users/tobbe/RV2/RV_CODE_DIR",target=/opt/src/code --mount
type=bind,source="C:/Users/tobbe/RV2/RV_OUT_DIR",target=/opt/data/output --mount
type=bind,source="C:/Users/tobbe/RV2/RV_DATA_INPUT_DIR",target=/opt/data/data_input
quay.io/azavea/raster-vision:pytorch-0.12 /bin/bash
```

### **Samla filerna på samma ställe**

Lägg "model-bundle.zip" från den körning du vill använda i mappen "RV\_CODE\_DIR".

Lägg bilden du vill prediktera på i mappen "RV\_CODE\_DIR".

### **Kör koden**

```
rastervision predict --vector-label-uri /opt/src/code/test_tobias.json /opt/src/code/model-bundle.zip
/opt/src/code/1.tif /opt/src/code/test_tobias.tif
```

### **Handledning enligt manual**

```
>rastervision predict --help
```

Usage: rastervision predict [OPTIONS] MODEL\_BUNDLE IMAGE\_URI LABEL\_URI

Make predictions on the images at IMAGE\_URI using MODEL\_BUNDLE and store the prediction output at LABEL\_URI.

Options:

--vector-label-uri TEXT URI to save vectorized labels for semantic segmentation model bundles that support it

-a, --update-stats Run an analysis on this individual image, as opposed to using any analysis like statistics that exist in the prediction package

--channel-order TEXT List of indices comprising channel\_order. Example: 2 1 0

--help Show this message and exit.

The screenshot shows a Windows File Explorer window. The address bar displays the path: > Tobbe Ryd > RV2 > RV\_CODE\_DIR. The file list on the right contains the following items:

| Namn             | Senast ändrad    | Typ               | Storlek    |
|------------------|------------------|-------------------|------------|
| model-bundle.zip | 2021-02-23 23:21 | Komprimerad ma... | 143 190 kB |
| 1.tif            | 2021-02-17 23:18 | TIF-fil           | 63 588 kB  |
| codes            | 2021-02-24 15:36 | Filmapp           |            |

| Namn             | Senast ändrad    | Typ               | Storlek    |
|------------------|------------------|-------------------|------------|
| test_tobias.tif  | 2021-02-24 15:39 | TIF-fil           | 11 935 kB  |
| model-bundle.zip | 2021-02-23 23:21 | Komprimerad ma... | 143 190 kB |
| 1.tif            | 2021-02-17 23:18 | TIF-fil           | 63 588 kB  |
| test_tobias.json | 2021-02-24 15:39 | Filmapp           |            |
| codes            | 2021-02-24 15:36 | Filmapp           |            |

The screenshot shows a Windows File Explorer window. The address bar displays the path: 'Tobbe Ryd > RV2 > RV\_CODE\_DIR > test\_tobias.json'. The file list contains one entry: '0-polygons.json' with a size of 1 214 kB. The file type is listed as 'JSON-fil'.

## Data i wgs84 format